WEST Search History

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☐	L4	(vascular endothelial growth factor adj2 2 or vegfr2 or kdr) same (HCPTPA or PTP adj2 beta or HPTPbeta or ptp or protein tyrosine phosphatase)	58
		DB=USPT,USOC,EPAB,JPAB,DWPI; THES=ASSIGNEE; PLUR=YES; OP=ADJ	
☐	L3	L2 and tie adj2 2	2
☐	L2	(vascular endothelial growth factor adj2 2 or vegfr2 or kdr) same (HCPTPA or PTP adj2 beta or HPTPbeta or ptp or protein tyrosine phosphatase)	43
		DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=ADJ	
☐	L1	(vascular endothelial growth factor adj2 2 or vegfr2 or kdr) same (HCPTPA or PTA adj2 beta or HPTPbeta)	0

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Search Results - Record(s) 1 through 2 of 2 returned.

☐ 1. Document ID: US 6919178 B2

Using default format because multiple data bases are involved.

L3: Entry 1 of 2 File: USPT Jul 19, 2005

US-PAT-NO: 6919178
DOCUMENT-IDENTIFIER: US 6919178 B2

TITLE: Extended tethering approach for rapid identification of ligands

DATE-ISSUED: July 19, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Erlanson; Daniel A.	San Francisco	CA		
Braisted; Andrew C.	San Francisco	CA		
McDowell; Robert	San Francisco	CA		
Prescott; John	San Francisco	CA		

US-CL-CURRENT: 435/6; 435/4, 435/7.1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 2. Document ID: US 6638929 B2

L3: Entry 2 of 2 File: USPT Oct 28, 2003

US-PAT-NO: 6638929
DOCUMENT-IDENTIFIER: US 6638929 B2

TITLE: Tricyclic protein kinase inhibitors

DATE-ISSUED: October 28, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Berger; Dan M.	New City	NY		
Dutia; Minu D.	West Nyack	NY		
DeMorin; Frenel F.	Nanuet	NY		
Boschelli; Diane H.	New City	NY		
Powell; Dennis W.	Westchester	NY		

Tsou; Hwei-Ru	New City	NY
Wissner; Allan	Ardsley	NY
Zhang; Nan	Eastchester	NY
Ye; Fei	Nanuet	NY
Wu; Biqi	Nanuet	NY

US-CL-CURRENT: 514/232.8; 514/253.03, 514/290, 544/126, 544/259, 544/361, 546/101, 546/160

ABSTRACT:

This invention provides compounds of formula 1, having the structure ##STR1##

which are useful as inhibitors of protein tyrosine kinase and are antiproliferative agents.

16 Claims, 0 Drawing figures
Exemplary Claim Number: 1

Terms	Documents
L2 and tie adj2 2	2

Hit List

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Search Results - Record(s) 1 through 30 of 43 returned.

☐ 1. Document ID: US 7019139 B2

Using default format because multiple data bases are involved.

L2: Entry 1 of 43 File: USPT Mar 28, 2006

US-PAT-NO: 7019139
DOCUMENT-IDENTIFIER: US 7019139 B2

TITLE: Quinolinones and uses thereof

DATE-ISSUED: March 28, 2006

PRIOR-PUBLICATION:

DOC-ID	DATE
US 20040167101 A1	August 26, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Metcalf, III; Chester A.	Needham	MA		US
Shakespeare; William C.	Southborough	MA		US
Sawyer; Tomi K.	Southborough	MA		US
Wang; Yihan	Newton	MA		US
Bohacek; Regine	Boston	MA		US
Sundaramoorthi; Rajeswari	Watertown	MA		US

US-CL-CURRENT: 546/23; 546/153, 546/155, 546/157, 546/158

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 2. Document ID: US 7009054 B2

L2: Entry 2 of 43 File: USPT Mar 7, 2006

US-PAT-NO: 7009054
DOCUMENT-IDENTIFIER: US 7009054 B2

TITLE: Quinolines and uses thereof

DATE-ISSUED: March 7, 2006

PRIOR-PUBLICATION:

DOC-ID	DATE
US 20040152671 A1	August 5, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wang; Yihan	Newton	MA		US
Metcalf, III; Chester A.	Needham	MA		US
Shakespeare; William C.	Southborough	MA		US
Sawyer; Tomi K.	Southborough	MA		US
Bohacek; Regine	Boston	MA		US
Sundaramoorthi; Rajeswari	Watertown	MA		US

US-CL-CURRENT: 546/160; 546/23

ABSTRACT:

This invention relates to compounds of the general formula: ##STR00001## in which R.sup.A, R.sup.B, R.sup.C and R.sup.D are as defined herein, and to their preparation and use.

2 Claims, 0 Drawing figures
Exemplary Claim Number: 1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 3. Document ID: US 7008943 B2

L2: Entry 3 of 43 File: USPT Mar 7, 2006

US-PAT-NO: 7008943
DOCUMENT-IDENTIFIER: US 7008943 B2

TITLE: 1-(Pyrrolidin-1-ylmethyl)-3-(pyrrol-2-ylmethylidene)-2-indolinone derivatives

DATE-ISSUED: March 7, 2006

PRIOR-PUBLICATION:

DOC-ID	DATE
US 20040127542 A1	July 1, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Moon; Malcolm Wilson	Kalamazoo	MI		US
Morozowich; Walter	Kalamazoo	MI		US
Gao; Ping	Kalamazoo	MI		US

US-CL-CURRENT: 514/235.5; 514/414, 544/106, 544/141, 548/465, 548/468

ABSTRACT:

The present invention is directed to 1-pyrrolidin-1-ylmethyl-3-(pyrrol-2-ylmethylidene)-2-indolinone derivatives that modulate the activity of protein kinases ("PKs"). Pharmaceutical compositions comprising these compounds, methods of treating diseases related to abnormal PK activity utilizing pharmaceutical compositions comprising these compounds and methods of preparing them are also disclosed.

8 Claims, 0 Drawing figures
Exemplary Claim Number: 1

☐ 4. Document ID: US 7005498 B1

L2: Entry 4 of 43 File: USPT Feb 28, 2006

US-PAT-NO: 7005498
DOCUMENT-IDENTIFIER: US 7005498 B1

TITLE: Methods for therapeutic vaccination

DATE-ISSUED: February 28, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Steinaa; Lucilla	Copenhagen			DK
Mouritsen; So	Birkerod			DK
Gautam; Anand	Horsholm			DK
Dalum; Iben	Horsholm			DK
Hanning; Jesper	Birkerod			DK
Leach; Dana	Copenhagen O			DK
Nielsen; Klaus Gregorius	Soborg			DK
Karlsson; Gunilla	Copenhagen O			DK
Rasmussen; Peter Birk	Frederiksberg			DK

US-CL-CURRENT: 530/324; 530/350

ABSTRACT:

A method is disclosed for inducing cell-mediated immunity against cellular antigens. More specifically, the invention provides for a method for inducing cytotoxic T-lymphocyte immunity against weak antigens, notably self-proteins. The method entails that antigen presenting cells are induced to present at least one CTL epitope of the weak antigen and at the same time presenting at least one foreign T-helper lymphocyte epitope. In a preferred embodiment, the antigen is a cancer specific antigen, e.g. PSM, Her2, or FGF8b. The method can be exercised by using traditional polypeptide vaccination, but also by using live attenuated vaccines or nucleic acid vaccination. The invention furthermore provides immunogenic analogues of PSM, Her2 and FGF8b, as well as nucleic acid molecules encoding these analogues. Also vectors and transformed cells are disclosed. The invention also provides for a method for identification of immunogenic analogues of

weak or non-immunogenic antigens.

5 Claims, 7 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 6

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 5. Document ID: US 6960572 B2

L2: Entry 5 of 43 File: USPT Nov 1, 2005

US-PAT-NO: 6960572
DOCUMENT-IDENTIFIER: US 6960572 B2

TITLE: Indolinones and uses thereof

DATE-ISSUED: November 1, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Shakespeare; William C.	Southborough	MA		
Sawyer; Tomi K.	Southborough	MA		
Metcalf, III; Chester A.	Needham	MA		
Wang; Yihan	Newton	MA		
Bohacek; Regine	Boston	MA		

US-CL-CURRENT: 514/81; 548/113

ABSTRACT:

This invention relates to compounds of the general formula: ##STR1## in which R.sup.A, R.sup.B, R.sup.C, R.sup.D, R.sup.E, p, q and X are as defined herein, and to their preparation and use.

30 Claims, 0 Drawing figures
Exemplary Claim Number: 1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 6. Document ID: US 6919178 B2

L2: Entry 6 of 43 File: USPT Jul 19, 2005

US-PAT-NO: 6919178
DOCUMENT-IDENTIFIER: US 6919178 B2

TITLE: Extended tethering approach for rapid identification of ligands

DATE-ISSUED: July 19, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Erlanson; Daniel A.	San Francisco	CA		
Braisted; Andrew C.	San Francisco	CA		
McDowell; Robert	San Francisco	CA		
Prescott; John	San Francisco	CA		

US-CL-CURRENT: 435/6; 435/4, 435/7.1

ABSTRACT:

The invention concerns a method for rapid identification and characterization of binding partners for a target molecule, and for providing binding partners with improved binding affinity. More specifically, the invention concerns an improved tethering method for the rapid identification of at least two binding partners that bind near one another to a target molecule.

27 Claims, 6 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 6

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 7. Document ID: US 6878697 B2

L2: Entry 7 of 43 File: USPT Apr 12, 2005

US-PAT-NO: 6878697
DOCUMENT-IDENTIFIER: US 6878697 B2
**** See image for Certificate of Correction ****

TITLE: Phenylamino-pyrimidines and uses thereof

DATE-ISSUED: April 12, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Metcalf, III; Chester A.	Needham	MA		
Shakespeare; William C.	Southborough	MA		
Sawyer; Tomi K.	Southborough	MA		
Wang; Yihan	Newton	MA		
Bohacek; Regine	Boston	MA		

US-CL-CURRENT: 514/86; 544/243

ABSTRACT:

This invention relates to compounds of the general formula: ##STR1## in which R.sup.A, R.sup.B, R.sup.C, R.sup.D, w, x, y, and z are as defined herein, and to

their preparation and use.

68 Claims, 0 Drawing figures
Exemplary Claim Number: 1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 8. Document ID: US 6861418 B2

L2: Entry 8 of 43 File: USPT Mar 1, 2005

US-PAT-NO: 6861418
DOCUMENT-IDENTIFIER: US 6861418 B2

TITLE: 4-aryl substituted indolinones

DATE-ISSUED: March 1, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Cui; Jingrong	Foster City	CA		
Zhang; Ruofei	Foster City	CA		
Shen; Hong	San Francisco	CA		
Chu; Ji Yu	Fremont	CA		
Zhang; Fang-Jie	San Jose	CA		
Koenig; Marcel	Burlingame	CA		
Do; Steven Huy	San Jose	CA		
Li; Xiaoyuan	Los Altos	CA		
Wei; Chung Chen	Foster City	CA		
Tang; Peng Cho	Moraga	CA		

US-CL-CURRENT: 514/183; 514/319, 514/322, 514/327, 514/408, 514/415, 514/456, 546/199, 546/201, 548/452, 548/465, 548/469, 548/486, 549/396

ABSTRACT:

The present invention relates to 4-arylindolinones, as well as pharmaceutical compositions thereof, capable of modulating protein kinase signal transduction in order to regulate, modulate and/or inhibit abnormal cell proliferation. The present invention also relates to methods for treating protein kinase related disorders.

20 Claims, 0 Drawing figures
Exemplary Claim Number: 1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 9. Document ID: US 6855730 B2

L2: Entry 9 of 43 File: USPT Feb 15, 2005

US-PAT-NO: 6855730
DOCUMENT-IDENTIFIER: US 6855730 B2

TITLE: 3-methylidenyl-2-indolinone modulators of protein kinase

DATE-ISSUED: February 15, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tang; Pen Cho	Moraga	CA		
Sun; Li	Foster City	CA		
Miller; Todd Anthony	Bend	OR		
Liang; Congxin	Sunnyvale	CA		
Tran; Ngoc My	Redwood City	CA		
Nguyen; Anh Thi	Fremont	CA		
Nematalla; Asaad	Walnut Creek	CA		

US-CL-CURRENT: 514/418; 514/235.5, 514/343, 544/144, 546/278.4, 548/486

ABSTRACT:

The present invention relates to novel 3-methylidenyl-2-indolinone compounds and physiologically acceptable salts and prodrugs thereof which modulate the activity of protein kinases and therefore are expected to be useful in the prevention and treatment of protein kinase related cellular disorders such as cancer.

15 Claims, 0 Drawing figures
Exemplary Claim Number: 1

☐ 10. Document ID: US 6797725 B2

L2: Entry 10 of 43 File: USPT Sep 28, 2004

US-PAT-NO: 6797725
DOCUMENT-IDENTIFIER: US 6797725 B2

TITLE: Prodrugs of a 3-(pyrrol-2-ylmethylidene)-2-indolinone derivatives

DATE-ISSUED: September 28, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sun; Connie Li	Foster City	CA		
Wei; Chung Chen	Foster City	CA		
Tang; Peng Cho	Moraga	CA		
Koenig; Marcel	Burlingame	CA		
Zhou; Yong	San Francisco	CA		
Vojkovsky; Tomas	San Mateo	CA		

Nematalla; Asaad S. Orinda CA

US-CL-CURRENT: 514/414; 514/399, 548/311.4, 548/465, 548/468

ABSTRACT:

The present invention relates to pyrrole substituted 2-indolinone compounds and their pharmaceutically acceptable salts which modulate the activity of protein kinases and therefore are expected to be useful in the prevention and treatment of protein kinase related cellular disorders such as cancer.

6 Claims, 0 Drawing figures
Exemplary Claim Number: 1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 11. Document ID: US 6734017 B2

L2: Entry 11 of 43 File: USPT May 11, 2004

US-PAT-NO: 6734017
DOCUMENT-IDENTIFIER: US 6734017 B2

TITLE: Antisense modulation of vascular endothelial growth factor receptor-2 expression

DATE-ISSUED: May 11, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bennett; C. Frank	Carlsbad	CA		
Watt; Andrew T.	Vista	CA		

US-CL-CURRENT: 435/375; 435/325, 435/6, 435/91.1, 536/24.3, 536/24.31, 536/24.5

ABSTRACT:

Antisense compounds, compositions and methods are provided for modulating the expression of vascular endothelial growth factor receptor-2. The compositions comprise antisense compounds, particularly antisense oligonucleotides, targeted to nucleic acids encoding vascular endothelial growth factor receptor-2. Methods of using these compounds for modulation of vascular endothelial growth factor receptor-2 expression and for treatment of diseases associated with expression of vascular endothelial growth factor receptor-2 are provided.

12 Claims, 0 Drawing figures
Exemplary Claim Number: 1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 12. Document ID: US 6716870 B2

L2: Entry 12 of 43 File: USPT Apr 6, 2004

US-PAT-NO: 6716870
DOCUMENT-IDENTIFIER: US 6716870 B2

TITLE: Prodrugs of 3-(pyrrol-2-ylmethylidene)-2-indolinone derivatives

DATE-ISSUED: April 6, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Moon; Malcolm Wilson	Kalamazoo	MI		
Morozowich; Walter	Kalamazoo	MI		
Gao; Ping	Portage	MI		
Koenig; Marcel	Burlingame	CA		

US-CL-CURRENT: 514/418; 548/467, 548/468, 548/486

ABSTRACT:

The present invention is directed to prodrugs of certain 3-(pyrrol-2-yl-methylidene)-2-indolinone derivatives that modulate the activity of protein kinases ("PKs"). Pharmaceutical compositions comprising these compounds, methods of treating diseases related to abnormal PK activity utilizing pharmaceutical compositions comprising these compounds and methods of preparing them are also disclosed.

23 Claims, 0 Drawing figures
Exemplary Claim Number: 1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. D

☐ 13. Document ID: US 6713462 B2

L2: Entry 13 of 43 File: USPT Mar 30, 2004

US-PAT-NO: 6713462
DOCUMENT-IDENTIFIER: US 6713462 B2

TITLE: Quinolinones and uses thereof

DATE-ISSUED: March 30, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Metcalf, III; Chester A.	Needham	MA		
Shakespeare; William C.	Southborough	MA		
Sawyer; Tomi K.	Southborough	MA		
Wang; Yihan	Newton	MA		

Bohacek; Regine	Boston	MA
Sundaramoorthi; Rajeswari	Watertown	MA

US-CL-CURRENT: 514/82; 514/312, 546/153, 546/155, 546/157, 546/158, 546/23

ABSTRACT:

The invention relates to compounds of the general formula (and pharmaceutically acceptable derivatives thereof): ##STR1## in which R.sup.A, R.sup.B, R.sup.C, R.sup.D, R.sup.5, R.sup.7, R.sup.9, R.sup.9a, AK, p, q, r and X are as defined herein, and to their preparation and use.

75 Claims, 0 Drawing figures
Exemplary Claim Number: 1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 14. Document ID: US 6710067 B2

L2: Entry 14 of 43 File: USPT Mar 23, 2004

US-PAT-NO: 6710067
DOCUMENT-IDENTIFIER: US 6710067 B2

TITLE: Mannich base prodrugs of 3-(pyrrol-2-ylmethylidene)-2-indolinone derivatives

DATE-ISSUED: March 23, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Moon; Malcolm Wilson	Kalamazoo	MI		
Morozowich; Walter	Kalamazoo	MI		
Gao; Ping	Portage	MI		
Tang; Peng Cho	Moraga	CA		

US-CL-CURRENT: 514/414; 548/468

ABSTRACT:

The present invention is directed to Mannich base prodrugs of certain 3-(pyrrol-2-ylmethylidene)-2-indolinone derivatives that modulate the activity of protein kinases ("PKs"). Pharmaceutical compositions comprising these compounds, methods of treating diseases related to abnormal PK activity utilizing pharmaceutical compositions comprising these compounds and methods of preparing them are also disclosed.

9 Claims, 0 Drawing figures
Exemplary Claim Number: 1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 15. Document ID: US 6706699 B2

L2: Entry 15 of 43 File: USPT Mar 16, 2004

US-PAT-NO: 6706699
DOCUMENT-IDENTIFIER: US 6706699 B2

TITLE: Quinolines and uses thereof

DATE-ISSUED: March 16, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wang; Yihan	Newton	MA		
Metcalf, III; Chester A.	Needham	MA		
Shakespeare; William C.	Southborough	MA		
Sawyer; Tomi K.	Southborough	MA		
Bohacek; Regine	Boston	MA		
Sundaramoorthi; Rajeswari	Watertown	MA		

US-CL-CURRENT: 514/82; 514/312, 514/313, 546/153, 546/159, 546/162, 546/23

ABSTRACT:

This invention relates to compounds of the general formula: ##STR1##

in which R.sup.A, R.sup.B, R.sup.C and R.sup.D are as defined herein, and to their preparation and use.

44 Claims, 0 Drawing figures
Exemplary Claim Number: 1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 16. Document ID: US 6677368 B2

L2: Entry 16 of 43 File: USPT Jan 13, 2004

US-PAT-NO: 6677368
DOCUMENT-IDENTIFIER: US 6677368 B2

TITLE: 4-aryl substituted indolinones

DATE-ISSUED: January 13, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Cui; Jingrong	Foster City	CA		
Zhang; Ruofei	Foster City	CA		

Shen; Hong	San Francisco	GA
Chu; Ji Yu	Fremont	CA
Zhang; Fang-Jie	San Jose	CA
Koenig; Marcel	Burlingame	CA
Do; Steven Huy	San Jose	CA
Li; Xiaoyuan	Los Altos	CA
Wei; Chung Chen	Foster City	CA
Tang; Peng Cho	Moraga	CA

US-CL-CURRENT: 514/427; 514/183, 514/254.09, 514/408, 514/415, 514/418, 514/422, 514/423, 548/452, 548/459, 548/489, 548/560, 548/564

ABSTRACT:

The present invention relates to 4-arylindolinones, as well as pharmaceutical compositions thereof, capable of modulating protein kinase signal transduction in order to regulate, modulate and/or inhibit abnormal cell proliferation. The present invention also relates to methods for treating protein kinase related disorders.

20 Claims, 0 Drawing figures
Exemplary Claim Number: 1

☐ 17. Document ID: US 6653308 B2

L2: Entry 17 of 43 File: USPT Nov 25, 2003

US-PAT-NO: 6653308
DOCUMENT-IDENTIFIER: US 6653308 B2
**** See image for Certificate of Correction ****

TITLE: 3-(4-amidopyrrol-2-ylmethylidene)-2-indolinone derivatives as protein kinase inhibitors

DATE-ISSUED: November 25, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Guan; Huiping	South San Francisco	CA		
Liang; Congxin	Sunnyvale	CA		
Sun; Li	Foster City	CA		
Tang; Peng Cho	Moraga	CA		
Wei; Chung Chen	Foster City	CA		
Vojkovsky; Tomas	San Mateo	CA		
Jin; Qingwu	Kalamazoo	MI		
Herrinton; Paul M.	Kalamazoo	MI		
Mauragis; Michael A.	Scotts	MI		

US-CL-CURRENT: 514/235.2; 514/414, 544/144, 544/58.2, 546/177, 548/253, 548/255,

548/259, 548/261, 548/312.1, 548/468

ABSTRACT:

The present invention relates to pyrrole substituted 2-indolinone compounds and their pharmaceutically acceptable salts which modulate the activity of protein kinases and therefore are expected to be useful in the prevention and treatment of protein kinase related cellular disorders such as cancer.

40 Claims, 0 Drawing figures
Exemplary Claim Number: 1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 18. Document ID: US 6638929 B2

L2: Entry 18 of 43 File: USPT Oct 28, 2003

US-PAT-NO: 6638929
DOCUMENT-IDENTIFIER: US 6638929 B2

TITLE: Tricyclic protein kinase inhibitors

DATE-ISSUED: October 28, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Berger; Dan M.	New City	NY		
Dutia; Minu D.	West Nyack	NY		
DeMorin; Frenel F.	Nanuet	NY		
Boschelli; Diane H.	New City	NY		
Powell; Dennis W.	Westchester	NY		
Tsou; Hwei-Ru	New City	NY		
Wissner; Allan	Ardsley	NY		
Zhang; Nan	Eastchester	NY		
Ye; Fei	Nanuet	NY		
Wu; Biqi	Nanuet	NY		

US-CL-CURRENT: 514/232.8; 514/253.03, 514/290, 544/126, 544/259, 544/361, 546/101, 546/160

ABSTRACT:

This invention provides compounds of formula 1, having the structure ##STR1##

which are useful as inhibitors of protein tyrosine kinase and are antiproliferative agents.

16 Claims, 0 Drawing figures
Exemplary Claim Number: 1

☐ 19. Document ID: US 6635640 B2

L2: Entry 19 of 43 File: USPT Oct 21, 2003

US-PAT-NO: 6635640
DOCUMENT-IDENTIFIER: US 6635640 B2
** See image for Certificate of Correction **

TITLE: 4-heteroaryl-3-heteroarylidenyl-2-indolinones and their use as protein kinase inhibitors

DATE-ISSUED: October 21, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tang; Peng Cho	Moraga	CA		
Wei; Chung Chen	Foster City	CA		
Huang; Ping	Mountain View	CA		
Cui; Jingrong	Foster City	CA		

US-CL-CURRENT: 514/235.2; 514/253.09, 514/300, 514/316, 514/318, 514/321, 514/323, 544/130, 544/364, 546/113, 546/187, 546/194, 546/197, 546/201

ABSTRACT:

The present invention relates to certain 4-heteroaryl-3-heteroarylidenyl-2-indolinones compounds and their physiologically acceptable salts which modulate the activity of protein kinases ("PKs"), in particular CDK2. The compounds of the present invention are therefore useful in treating disorders related to abnormal PK activity. Pharmaceutical composition containing these compounds and methods of preparing these compounds are also described.

13 Claims, 0 Drawing figures
Exemplary Claim Number: 1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 20. Document ID: US 6599902 B2

L2: Entry 20 of 43 File: USPT Jul 29, 2003

US-PAT-NO: 6599902
DOCUMENT-IDENTIFIER: US 6599902 B2

TITLE: 5-aralkysufonyl-3-(pyrrol-2-ylmethylidene)-2-indolinone derivatives as kinase inhibitors

DATE-ISSUED: July 29, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Cui; Jingrong	Foster City	CA		
Ramphal; John	Union City	CA		
Liang; Congxin	Sunnyvale	CA		
Sun; Connie Li	Foster City	CA		
Wei; Chung Chen	Foster City	CA		
Tang; Peng Cho	Morago	CA		

US-CL-CURRENT: 514/235.5; 514/414, 544/121, 544/130, 544/144, 544/373, 544/58.2, 544/58.4, 546/201, 546/277.4, 548/253, 548/255, 548/312.1, 548/468

ABSTRACT:

The present invention relates to certain 5-aralkylsulfonyl-3-(pyrrol-2-yl-methylidene)-2-indolinone derivatives that inhibit kinases, in particular met kinase. Pharmaceutical compositions comprising these compounds, methods of treating diseases mediated by kinases utilizing pharmaceutical compositions comprising these compounds, and methods of preparing them are also disclosed.

23 Claims, 0 Drawing figures
Exemplary Claim Number: 1

☐ 21. Document ID: US 6573293 B2

L2: Entry 21 of 43 File: USPT Jun 3, 2003

US-PAT-NO: 6573293
DOCUMENT-IDENTIFIER: US 6573293 B2

TITLE: Pyrrole substituted 2-indolinone protein kinase inhibitors

DATE-ISSUED: June 3, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tang; Peng Cho	Moraga	CA		
Miller; Todd A.	Bend	OR		
Li; Xiaoyuan	Los Altos	CA		
Sun; Li	Foster City	CA		
Wei; Chung Chen	Foster City	CA		
Shirazian; Shahrzad	Corte Madera	CA		
Liang; Congxin	Sunnyvale	CA		
Vojkovsky; Tomas	San Francisco	CA		
Nematalla; Asaad S.	Concord	CA		
Hawley; Michael	Kalamazoo	MI		

US-CL-CURRENT: 514/414; 514/212.08, 514/235.2, 514/254.09, 514/256, 514/339,

514/397, 540/524, 544/144, 544/316, 544/373 , 546/277.7, 548/312.1, 548/455, 548/468

ABSTRACT:

The present invention relates to pyrrole substituted 2-indolinone compounds and their pharmaceutically acceptable salts which modulate the activity of protein kinases and therefore are expected to be useful in the prevention and treatment of protein kinase related cellular disorders such as cancer.

29 Claims, 0 Drawing figures
Exemplary Claim Number: 1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw. D

☐ 22. Document ID: US 6548496 B2

L2: Entry 22 of 43 File: USPT Apr 15, 2003

US-PAT-NO: 6548496
DOCUMENT-IDENTIFIER: US 6548496 B2

TITLE: Substituted 3-cyano-[1.7], [1.5], and [1.8] naphthyridine inhibitors of tyrosine kinases

DATE-ISSUED: April 15, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wissner; Allan	Ardsley	NY		
Hamann; Philip R.	Garnerville	NY		
Yamashita; Ayako	Englewood	NJ		

US-CL-CURRENT: 514/234.5; 544/127, 546/122, 546/14

ABSTRACT:

This invention provides compounds of formula I having the structure ##STR1##

Wherein substitutions at A", Z, n, and X are set forth in the specification.

13 Claims, 0 Drawing figures
Exemplary Claim Number: 1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw. D

☐ 23. Document ID: US 6531502 B1

L2: Entry 23 of 43 File: USPT Mar 11, 2003

US-PAT-NO: 6531502
DOCUMENT-IDENTIFIER: US 6531502 B1

TITLE: 3-Methylidenyl-2-indolinone modulators of protein kinase

DATE-ISSUED: March 11, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tang; Pen Cho	Moraga	CA		
Sun; Li	Foster City	CA		
Miller; Todd Anthony	Bend	OR		
Liang; Congxin	Sunnyvale	CA		
Tran; Ngoc My	Redwood City	CA		
Nguyen; Anh Thi	Fremont	CA		
Nematalla; Asaad	Walnut Creek	CA		

US-CL-CURRENT: 514/414; 514/418, 548/455, 548/468, 548/486

ABSTRACT:

The present invention relates to novel 3-methylidenyl-2-indolinone compounds and physiologically acceptable salts and prodrugs thereof which modulate the activity of protein kinases and therefore are expected to be useful in the prevention and treatment of protein kinase related cellular disorders such as cancer.

17 Claims, 0 Drawing figures
Exemplary Claim Number: 1

☐ 24. Document ID: US 6482848 B2

L2: Entry 24 of 43 File: USPT Nov 19, 2002

US-PAT-NO: 6482848
DOCUMENT-IDENTIFIER: US 6482848 B2
**** See image for Certificate of Correction ****

TITLE: Prodrugs of 3-(pyrrol-2-ylmethylidene)-2-indolinone derivatives

DATE-ISSUED: November 19, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Moon; Malcolm Wilson	Kalamazoo	MI		
Morozowich; Walter	Kalamazoo	MI		
Gao; Ping	Portage	MI		
Koenig; Marcel	Burlingame	CA		

US-CL-CURRENT: 514/418; 548/467, 548/468, 548/486

ABSTRACT:

The present invention is directed to prodrugs of certain 3-(pyrrol-2-yl-methylidene)-2-indolinone derivatives that modulate the activity of protein kinases ("PKs"). Pharmaceutical compositions comprising these compounds, methods of treating diseases related to abnormal PK activity utilizing pharmaceutical compositions comprising these compounds and methods of preparing them are also disclosed.

19 Claims, 0 Drawing figures
Exemplary Claim Number: 1

☐ 25. Document ID: US 6451838 B1

L2: Entry 25 of 43 File: USPT Sep 17, 2002

US-PAT-NO: 6451838
DOCUMENT-IDENTIFIER: US 6451838 B1

TITLE: 1-(pyrrolidin-1-ylmethyl)-3-(pyrrol-2-ylmethylidene)-2-indolinone derivatives

DATE-ISSUED: September 17, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Moon; Malcolm Wilson	Kalamazoo	MI		
Morozowich; Walter	Kalamazoo	MI		
Gao; Ping	Portage	MI		

US-CL-CURRENT: 514/414; 548/468

ABSTRACT:

The present invention is directed to 1-pyrrolidin-1-ylmethyl-3-(pyrrol-2-ylmethylidene)-2-indolinone derivatives that modulate the activity of protein kinases ("PKs"). Pharmaceutical compositions comprising these compounds, methods of treating diseases related to abnormal PK activity utilizing pharmaceutical compositions comprising these compounds and methods of preparing them are also disclosed.

20 Claims, 0 Drawing figures
Exemplary Claim Number: 1

☐ 26. Document ID: US 6395734 B1

L2: Entry 26 of 43 File: USPT May 28, 2002

US-PAT-NO: 6395734
DOCUMENT-IDENTIFIER: US 6395734 B1
**** See image for Certificate of Correction ****

TITLE: Pyrrole substituted 2-indolinone protein kinase inhibitors

DATE-ISSUED: May 28, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tang; Peng Cho	Moraga	CA		
Sun; Li	Foster City	CA		
McMahon; Gerald	Kenwood	CA		

US-CL-CURRENT: 514/235.2; 514/414, 544/144, 548/468

ABSTRACT:

The present invention relates to novel pyrrole substituted 2-indolinone compounds and physiologically acceptable salts and prodrugs thereof which modulate the activity of protein kinases and therefore are expected to be useful in the prevention and treatment of protein kinase related cellular disorders such as cancer.

23 Claims, 0 Drawing figures
Exemplary Claim Number: 1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 27. Document ID: US 6355636 B1

L2: Entry 27 of 43 File: USPT Mar 12, 2002

US-PAT-NO: 6355636
DOCUMENT-IDENTIFIER: US 6355636 B1
**** See image for Certificate of Correction ****

TITLE: Substituted 3-cyano-[1.7],[1.5], and [1.8] naphthyridine inhibitors of tyrosine kinases

DATE-ISSUED: March 12, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wissner; Allan	Ardsley	NY		
Hamann; Philip R.	Garnerville	NY		
Yamashita; Ayako	Englewood	NJ		

US-CL-CURRENT: 514/234.5; 544/127, 546/122, 546/14

ABSTRACT:

This invention provides compounds of formula I having the structure ##STR1##

useful as inhibitors of protein tyrosine kinase.

15 Claims, 0 Drawing figures
Exemplary Claim Number: 1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 28. Document ID: US 6297258 B1

L2: Entry 28 of 43 File: USPT Oct 2, 2001

US-PAT-NO: 6297258
DOCUMENT-IDENTIFIER: US 6297258 B1

TITLE: Substituted 3-cyanoquinolines

DATE-ISSUED: October 2, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wissner; Allan	Ardsley	NY		
Tsou; Hwei-Ru	New City	NY		
Berger; Dan M.	New City	NY		
Floyd, Jr.; Middleton B.	Suffern	NY		
Hamann; Philip R.	Gernerville	NY		
Zhang; Nan	Eastchester	NY		
Frost; Philip	Morris Township	NJ		

US-CL-CURRENT: 514/313; 514/151, 514/228.2, 514/235.2, 514/252.18, 514/253.06, 514/253.07, 514/278, 514/312, 544/128, 544/328, 544/331, 544/363, 544/58.6, 546/153, 546/159, 546/160, 546/171, 546/19

ABSTRACT:

This invention provides compounds of formula I having the structure ##STR1##

wherein G.sub.1, G.sub.2, R.sub.1, R.sub.4, Z, n, and X are defined in the specification or a pharmaceutically acceptable salt thereof which are useful as antineoplastic agents and in the treatment of polycystic kidney disease.

9 Claims, 0 Drawing figures
Exemplary Claim Number: 1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 29. Document ID: US 6288082 B1

L2: Entry 29 of 43 File: USPT Sep 11, 2001

US-PAT-NO: 6288082
DOCUMENT-IDENTIFIER: US 6288082 B1
** See image for Certificate of Correction **

TITLE: Substituted 3-cyanoquinolines

DATE-ISSUED: September 11, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wissner; Allan	Ardsley	NY		
Tsou; Hwei-Ru	New City	NY		
Berger; Dan M.	New City	NY		
Floyd, Jr.; Middleton B.	Suffern	NY		
Hamann; Philip R.	Gernerville	NY		
Zhang; Nan	Eastchester	NY		
Salvati; Mark E.	Lawrenceville	NJ		
Frost; Philip	Morris Township	NJ		

US-CL-CURRENT: 514/313; 514/234.8, 514/235.2, 514/252.18, 514/253.06, 514/253.07, 514/300, 514/312, 540/506, 544/112, 544/128, 544/237, 544/300, 544/316, 544/350, 544/354, 544/356, 544/363, 546/122, 546/143, 546/153, 546/159, 546/160, 546/162, 546/19, 546/90

ABSTRACT:

This invention provides compounds of formula I having the structure ##STR1##

wherein G.sub.1, G.sub.2, R.sub.1, R.sub.4, Z, n, and X are defined in the specification or a pharmaceutically acceptable salt thereof which are useful as antineoplastic agents and in the treatment of polycystic kidney disease.

15 Claims, 0 Drawing figures
Exemplary Claim Number: 1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 30. Document ID: US 6225346 B1

L2: Entry 30 of 43 File: USPT May 1, 2001

US-PAT-NO: 6225346
DOCUMENT-IDENTIFIER: US 6225346 B1

TITLE: Tyrphostin like compounds

DATE-ISSUED: May 1, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tang; Peng Cho	Moraga	CA		
Sun; Li	Foster City	CA		
Nematalla; Asaad S.	Walnut Creek	CA		
McMahon; Gerald	Kenwood	CA		

US-CL-CURRENT: 514/523; 514/445, 514/473, 514/525, 549/475, 549/479, 549/65, 558/390

ABSTRACT:

The present invention relates to molecules capable of modulating tyrosine signal transduction to prevent and treat cell proliferative disorders or cell differentiation disorders associated with particular tyrosine kinases by inhibiting one or more abnormal tyrosine kinase activities.

9 Claims, 0 Drawing figures
Exemplary Claim Number: 1

Terms	Documents
(vascular endothelial growth factor adj2 2 or vegfr2 or kdr) same (HCPTPA or PTP adj2 beta or HPTPbeta or ptp or protein tyrosine phosphatase)	43

Hit List

First Hit | Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS

Search Results - Record(s) 31 through 43 of 43 returned.

☐ 31. Document ID: US 6002008 A

Using default format because multiple data bases are involved.

L2: Entry 31 of 43 File: USPT Dec 14, 1999

US-PAT-NO: 6002008
DOCUMENT-IDENTIFIER: US 6002008 A

TITLE: Substituted 3-cyano quinolines

DATE-ISSUED: December 14, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wissner; Allan	Ardsley	NY		
Johnson; Bernard D.	Stony Point	NY		
Reich; Marvin F.	Suffern	NY		
Floyd, Jr.; Middleton B.	Suffern	NY		
Kitchen; Douglas B.	Schenectady	NY		
Tsou; Hwei-Ru	New City	NY		

US-CL-CURRENT: 546/160; 546/156, 546/157, 546/159, 546/161

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. D

☐ 32. Document ID: US 5981569 A

L2: Entry 32 of 43 File: USPT Nov 9, 1999

US-PAT-NO: 5981569
DOCUMENT-IDENTIFIER: US 5981569 A

TITLE: Substituted phenylacrylonitrile compounds and compositions thereof for the treatment of disease

DATE-ISSUED: November 9, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
App; Harald	Hillsborough	CA		
McMahon; Gerald M.	San Francisco	CA		
Tang; Peng Cho	Moraga	CA		

Gazit; Aviv	Jerusalem		IL
Levitzki; Alexander	Patomic	MA	

US-CL-CURRENT: 514/419; 514/407, 514/520, 514/521, 514/523, 514/525, 548/371.7, 548/494, 558/390, 558/393, 558/397, 558/401

ABSTRACT:

The present invention relates to organic molecules capable of modulating tyrosine kinase signal transduction and particularly KDR/FLK-1 receptor signal transduction in order to regulate and/or modulate vasculogenesis and angiogenesis. The invention is based, in part, on the demonstration that KDR/FLK-1 tyrosine kinase receptor expression is associated with endothelial cells and the identification of vascular endothelial growth factor (VEGF) as the high affinity ligand of FLK-1. These results indicate a major role for KDR/FLK-1 in the signaling system during vasculogenesis and angiogenesis. Engineering of host cells that express FLK-1 and the uses of expressed FLK-1 to evaluate and screen for drugs and analogs of VEGF involved in FLK-1 modulation by either agonist or antagonist activities is also described. The invention also relates to the use of the disclosed compounds in the treatment of disorders, including cancer, diabetes, hemangioma and Kaposi's sarcoma, which are related to vasculogenesis and angiogenesis.

16 Claims, 0 Drawing figures
Exemplary Claim Number: 1

☐ 33. Document ID: US 5935993 A

L2: Entry 33 of 43 File: USPT Aug 10, 1999

US-PAT-NO: 5935993
DOCUMENT-IDENTIFIER: US 5935993 A

TITLE: Tyrphostin like compounds

DATE-ISSUED: August 10, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tang; Peng Cho	Moraga	CA		
Sun; Li	Foster City	CA		
Nematalla; Asaad S.	Walnut Creek	CA		
McMahon; Gerald	Kenwood	CA		

US-CL-CURRENT: 514/445; 514/473, 549/475, 549/479, 549/65

ABSTRACT:

The present invention relates to molecules capable of modulating tyrosine signal transduction to prevent and treat cell proliferative disorders or cell differentiation disorders associated with particular tyrosine kinases by inhibiting

one or more abnormal tyrosine kinase activities.

16 Claims, 0 Drawing figures
Exemplary Claim Number: 1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 34. Document ID: US 5891917 A

L2: Entry 34 of 43 File: USPT Apr 6, 1999

US-PAT-NO: 5891917
DOCUMENT-IDENTIFIER: US 5891917 A
** See image for Certificate of Correction **

TITLE: Certain acrylonitrile-sulfonamide derivatives

DATE-ISSUED: April 6, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tang; Peng Cho	Moraga	CA		
Sun; Li	Foster City	CA		
Nematalla; Asaad S.	Walnut Creek	CA		
McMahon; Gerald	San Francisco	CA		

US-CL-CURRENT: 514/604; 546/298, 549/80, 558/390

ABSTRACT:

The present invention relates to molecules capable of modulating tyrosine signal transduction to prevent and treat cell proliferative disorders or cell differentiation disorders associated with particular tyrosine kinases by inhibiting one or more abnormal tyrosine kinase activities.

16 Claims, 0 Drawing figures
Exemplary Claim Number: 1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 35. Document ID: US 5886195 A

L2: Entry 35 of 43 File: USPT Mar 23, 1999

US-PAT-NO: 5886195
DOCUMENT-IDENTIFIER: US 5886195 A

TITLE: Thienyl compounds for inhibition of cell proliferative disorders

DATE-ISSUED: March 23, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tang; Peng Cho	Moraga	CA		
Nematalla; Asaad S.	Walnut Creek	CA		
McMahon; Gerald	Kenwood	CA		

US-CL-CURRENT: 549/75; 708/497

ABSTRACT:

The present invention relates to molecules capable of modulating tyrosine signal transduction to prevent and treat cell proliferative disorders or cell differentiation disorders associated with particular tyrosine kinases by inhibiting one or more abnormal tyrosine kinase activities.

28 Claims, 0 Drawing figures
Exemplary Claim Number: 1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 36. Document ID: US 5849742 A

L2: Entry 36 of 43 File: USPT Dec 15, 1998

US-PAT-NO: 5849742
DOCUMENT-IDENTIFIER: US 5849742 A
**** See image for Certificate of Correction ****

TITLE: Compounds for the treament of disorders related to vasculogenesis and/or angiogenesis

DATE-ISSUED: December 15, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
App; Harald	Hillsborough	CA		
McMahon; Gerald M.	San Francisco	CA		
Tang; Peng Cho	Moraga	CA		
Gazit; Aviv	Jerusalem			IL
Levitzki; Alexander	Patomic	MA		

US-CL-CURRENT: 514/249; 514/250, 544/344, 544/353, 544/356

ABSTRACT:

The present invention relates to organic molecules capable of modulating tyrosine kinase signal transduction and particularly KDR/FLK-1 receptor signal transduction in order to regulate and/or modulate vasculogenesis and angiogenesis. The invention is based, in part, on the demonstration that KDR/FLK-1 tyrosine kinase receptor expression is associated with endothelial cells and the identification of vascular endothelial growth factor (VEGF) as the high affinity ligand of FLK-1. These results indicate a major role for KDR/FLX-1 in the signaling system during

vasculogenesis and angiogenesis. Engineering of host cells that express FLK-1 and the uses of expressed FLK-1 to evaluate and screen for drugs and analogs of VEGF involved in FLK-1 modulation by either agonist or antagonist activities is also described.

The invention also relates to the use of the disclosed compounds in the treatment of disorders, including cancer, diabetes, hemangioma and Kaposi's sarcoma, which are related to vasculogenesis and angiogenesis.

14 Claims, 0 Drawing figures
Exemplary Claim Number: 1

☐ 37. Document ID: US 5792771 A

L2: Entry 37 of 43 File: USPT Aug 11, 1998

US-PAT-NO: 5792771
DOCUMENT-IDENTIFIER: US 5792771 A

TITLE: Quinazoline compounds and compositions thereof for the treatment of disease

DATE-ISSUED: August 11, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
App; Harald	Hillsborough	CA		
McMahon; Gerald M.	San Francisco	CA		
Tang; Peng Cho	Moraga	CA		
Gazit; Aviv	Jerusalem			IL
Levitzki; Alexander	Patomic	MA		

US-CL-CURRENT: 514/266.3; 514/266.4, 544/250, 544/287, 544/293, 544/354, 544/356

ABSTRACT:

The present invention relates to organic molecules capable of modulating tyrosine kinase signal transduction and particularly KDR/FLK-1 receptor signal transduction in order to regulate and/or modulate vasculogenesis and angiogenesis. The invention is based, in part, on the demonstration that KDR/FLK-1 tyrosine kinase receptor expression is associated with endothelial cells and the identification of vascular endothelial growth factor (VEGF) as the high affinity ligand of FLK-1. These results indicate a major role for KDR/FLK-1 in the signaling system during vasculogenesis and angiogenesis. Engineering of host cells that express FLK-1 and the uses of expressed FLK-1 to evaluate and screen for drugs and analogs of VEGF involved in FLK-1 modulation by either agonist or antagonist activities is also described.

The invention also relates to the use of the disclosed compounds in the treatment of disorders, including cancer, diabetes, hemangioma and Kaposi's sarcoma, which are related to vasculogenesis and angiogenesis.

12 Claims, 0 Drawing figures
Exemplary Claim Number: 1,4,10

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 38. Document ID: US 5773459 A

L2: Entry 38 of 43 File: USPT Jun 30, 1998

US-PAT-NO: 5773459
DOCUMENT-IDENTIFIER: US 5773459 A

TITLE: Urea- and thiourea-type compounds

DATE-ISSUED: June 30, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tang; Peng Cho	Moraga	CA		
McMahon; Gerald	Kenwood	CA		

US-CL-CURRENT: 514/445; 514/326, 514/327, 514/347, 514/371, 514/426, 514/585, 514/596, 514/597, 546/208, 546/212, 546/216, 546/23, 546/306, 548/196, 548/557, 548/559, 549/63

ABSTRACT:

The present invention relates to molecules capable of modulating tyrosine signal transduction to prevent and treat cell proliferative disorders or cell differentiation disorders associated with particular tyrosine kinases by inhibiting one or more abnormal tyrosine kinase activities.

18 Claims, 0 Drawing figures
Exemplary Claim Number: 1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 39. Document ID: US 5763441 A

L2: Entry 39 of 43 File: USPT Jun 9, 1998

US-PAT-NO: 5763441
DOCUMENT-IDENTIFIER: US 5763441 A
**** See image for Certificate of Correction ****

TITLE: Compounds for the treatment of disorders related to vasculogenesis and/or angiogenesis

DATE-ISSUED: June 9, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
App; Harald	Hillsborough	CA		
McMahon; Gerald M.	San Francisco	CA		
Tang; Peng Cho	Moraga	CA		
Gazit; Aviv	Jerusalem			IL
Levitzki; Alexander	Patomic	MA		

US-CL-CURRENT: 514/249; 514/250

ABSTRACT:

The present invention relates to organic molecules capable of modulating tyrosine kinase signal transduction and particularly KDR/FLK-1 receptor signal transduction in order to regulate and/or modulate vasculogenesis and angiogenesis. The invention is based, in part, on the demonstration that KDR/FLK-1 tyrosine kinase receptor expression is associated with endothelial cells and the identification of vascular endothelial growth factor (VEGF) as the high affinity ligand of FLK-1. These results indicate a major role for KDR/FLK-1 in the signaling system during vasculogenesis and angiogenesis. Engineering of host cells that express FLK-1 and the uses of expressed FLK-1 to evaluate and screen for drugs and analogs of VEGF involved in FLK-1 modulation by either agonist or antagonist activities is also described.

The invention also relates to the use of the disclosed compounds in the treatment of disorders, including cancer, diabetes, hemangioma and Kaposi's sarcoma, which are related to vasculogenesis and angiogenesis.

4 Claims, 0 Drawing figures
Exemplary Claim Number: 1

☐ 40. Document ID: US 5712395 A

L2: Entry 40 of 43 File: USPT Jan 27, 1998

US-PAT-NO: 5712395
DOCUMENT-IDENTIFIER: US 5712395 A

TITLE: Compounds for the treatment of disorders related to vasculogenesis and/or angiogenesis

DATE-ISSUED: January 27, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
App; Harald	Hillsborough	CA		
McMahon; Gerald M.	San Francisco	CA		
Tang; Peng Cho	Moraga	CA		
Gazit; Aviv	Jerusalem			IL
Levitzki; Alexander	Patomic	MA		

US-CL-CURRENT: 544/344; 544/353, 544/356

ABSTRACT:

The present invention relates to organic molecules capable of modulating tyrosine kinase signal transduction and particularly KDR/FLK-1 receptor signal transduction in order to regulate and/or modulate vasculogenesis and angiogenesis. The invention is based, in part, on the demonstration that KDR/FLK-1 tyrosine kinase receptor expression is associated with endothelial cells and the identification of vascular endothelial growth factor (VEGF) as the high affinity ligand of FLK-1. These results indicate a major role for KDR/FLK-1 in the signaling system during vasculogenesis and angiogenesis. Engineering of host cells that express FLK-1 and the uses of expressed FLK-1 to evaluate and screen for drugs and analogs of VEGF involved in FLK-1 modulation by either agonist or antagonist activities is also described.

The invention also relates to the use of the disclosed compounds in the treatment of disorders, including cancer, diabetes, hemangioma and Kaposi's sarcoma, which are related to vasculogenesis and angiogenesis.

1 Claims, 0 Drawing figures
Exemplary Claim Number: 1

☐ 41. Document ID: US 5710173 A

L2: Entry 41 of 43 File: USPT Jan 20, 1998

US-PAT-NO: 5710173
DOCUMENT-IDENTIFIER: US 5710173 A

TITLE: Thienyl compounds for inhibition of cell proliferative disorders

DATE-ISSUED: January 20, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tang; Peng Cho	Moraga	CA		
Nematalla; Asaad S.	Walnut Creek	CA		
McMahon; Gerald	Kenwood	CA		

US-CL-CURRENT: 514/447; 514/342, 514/445, 514/448, 546/280.4, 549/59, 549/61, 549/62, 549/65, 549/66, 549/68, 549/71, 549/75

ABSTRACT:

The present invention relates to molecules capable of modulating tyrosine signal transduction to prevent and treat cell proliferative disorders or cell differentiation disorders associated with particular tyrosine kinases by inhibiting one or more abnormal tyrosine kinase activities.

24 Claims, 0 Drawing figures

Exemplary Claim Number: 1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 42. Document ID: US 5650415 A

L2: Entry 42 of 43 File: USPT Jul 22, 1997

US-PAT-NO: 5650415
DOCUMENT-IDENTIFIER: US 5650415 A

TITLE: Quinoline compounds

DATE-ISSUED: July 22, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tang; Peng Cho	Moraga	CA		
McMahon; Gerald	Kenwood	CA		
Sun; Li	Foster City	CA		

US-CL-CURRENT: 514/312; 514/313, 546/153, 546/159

ABSTRACT:

A method of inhibiting cell proliferation or differentiation by exposing a cell to a compound of the formula ##STR1## or a pharmaceutically acceptable salt thereof. Q is selected from the group consisting of NH and S, n is 0 or 1; and R.sub.1-9 are independently selected from the group consisting of halo, trihalomethyl, alkyl, nitro, hydroxy, alkoxy, sulphoxy, sulphonyl, amide, sulfonamide, carboxamide, amino, and hydrogen. Also provided is a compound of the structure ##STR2##

14 Claims, 0 Drawing figures
Exemplary Claim Number: 1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 43. Document ID: US 2599344 A

L2: Entry 43 of 43 File: USOC Jun 3, 1952

US-PAT-NO: 2599344
DOCUMENT-IDENTIFIER: US 2599344 A

TITLE: Telegraph exchange for lines with simplex or duplex characteristics

DATE-ISSUED: June 3, 1952

INVENTOR-NAME: OBERMAN ROELOF M M

Hit List

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Search Results - Record(s) 1 through 8 of 8 returned.

☐ 1. Document ID: US 20050186630 A1

L5: Entry 1 of 8 File: PGPB Aug 25, 2005

PGPUB-DOCUMENT-NUMBER: 20050186630
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20050186630 A1

TITLE: Extended tethering approach for rapid identification of ligands

PUBLICATION-DATE: August 25, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Erlanson, Daniel A.	San Francisco	CA	US
Braisted, Andrew C.	San Francisco	CA	US
McDowell, Robert	San Francisco	CA	US
Prescott, John	San Francisco	CA	US

US-CL-CURRENT: 435/6; 435/7.1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 2. Document ID: US 20050142539 A1

L5: Entry 2 of 8 File: PGPB Jun 30, 2005

PGPUB-DOCUMENT-NUMBER: 20050142539
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20050142539 A1

TITLE: Targeted ligands

PUBLICATION-DATE: June 30, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Herman, William	Thornhill		CA

US-CL-CURRENT: 435/5; 435/7.23, 530/388.22, 530/388.3

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 3. Document ID: US 20050118164 A1

L5: Entry 3 of 8 File: PGPB Jun 2, 2005

PGPUB-DOCUMENT-NUMBER: 20050118164
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20050118164 A1

TITLE: Targeted ligands

PUBLICATION-DATE: June 2, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Herman, William	Thornhill		CA

US-CL-CURRENT: 424/133.1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 4. Document ID: US 20040110762 A1

L5: Entry 4 of 8 File: PGPB Jun 10, 2004

PGPUB-DOCUMENT-NUMBER: 20040110762
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040110762 A1

TITLE: Tricyclic protein kinase inhibitors

PUBLICATION-DATE: June 10, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Berger, Dan M.	New City	NY	US
Dutia, Minu D.	West Nyack	NY	US
DeMorin, Frenel F.	Nanuet	NY	US
Boschelli, Diane H.	New City	NY	US
Powell, Dennis W.	Westchester	NY	US
Tsou, Hwei-Ru	New City	NY	US
Wissner, Allan	Ardsley	NY	US
Zhang, Nan	Eastchester	NY	US
Ye, Fei	Nanuet	NY	US
Wu, Biqi	Nanuet	NY	US

US-CL-CURRENT: 514/250; 514/256, 514/291, 544/294, 544/333, 544/345, 546/81

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 5. Document ID: US 20040077065 A1

L5: Entry 5 of 8 File: PGPB Apr 22, 2004

PGPUB-DOCUMENT-NUMBER: 20040077065
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040077065 A1

TITLE: Three dimensional coordinates of HPTPbeta

PUBLICATION-DATE: April 22, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Evdokimov, Artem Gennady	Loveland	OH	US
Pokross, Matthew Eugene	Loveland	OH	US

US-CL-CURRENT: 435/226; 702/19

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 6. Document ID: US 20030158083 A1

L5: Entry 6 of 8 File: PGPB Aug 21, 2003

PGPUB-DOCUMENT-NUMBER: 20030158083
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030158083 A1

TITLE: Method of effecting angiogenesis by modulating the function of a novel endothelia phosphatase

PUBLICATION-DATE: August 21, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Peters, Kevin Gene	Loveland	OH	US

US-CL-CURRENT: 514/1; 424/94.6, 435/196, 435/320.1, 435/325, 435/7.23, 536/23.2

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 7. Document ID: US 20020150947 A1

L5: Entry 7 of 8 File: PGPB Oct 17, 2002

PGPUB-DOCUMENT-NUMBER: 20020150947
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020150947 A1

TITLE: Extended tethering approach for rapid identification of ligands

PUBLICATION-DATE: October 17, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Erlanson, Daniel A.	San Francisco	CA	US
Braisted, Andrew C.	San Francisco	CA	US
McDowell, Robert	San Francisco	CA	US
Prescott, John	San Francisco	CA	US

US-CL-CURRENT: 435/7.1; 435/6, 436/518

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 8. Document ID: US 20010051620 A1

L5: Entry 8 of 8 File: PGPB Dec 13, 2001

PGPUB-DOCUMENT-NUMBER: 20010051620
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20010051620 A1

TITLE: Tricyclic protein kinase inhibitors

PUBLICATION-DATE: December 13, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Berger, Dan M.	New City	NY	US
Dutia, Minu D.	West Nyack	NY	US
DeMorin, Frenel F.	Nanuet	NY	US
Boschelli, Diane H.	New City	NY	US
Powell, Dennis W.	Westchester	NY	US
Tsou, Hwei-Ru	New City	NY	US
Wissner, Allan	Ardsley	NY	US
Zhang, Nan	Eastchester	NY	US
Ye, Fei	Nanuet	NY	US
Wu, Biqi	Nanuet	NY	US

US-CL-CURRENT: 514/232.8; 514/253.03, 514/291, 544/126, 544/361, 546/83

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

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